



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/730,427

12/08/2003

Bryan Hed

3003

2301

7590

08/24/2004

BECK & TYSVER, P.L.L.C.
SUITE 100
2900 THOMAS AVENUE S.
MINNEAPOLIS, MN 55416

EXAMINER

HINZE, LEO T

ART UNIT

PAPER NUMBER

2854

DATE MAILED: 08/24/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/730,427

Applicant(s)

HED, BRYAN

Examiner

Leo T. Hinze

Art Unit

2854

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 December 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 20031208.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

Art Unit: 2854

DETAILED ACTION

Specification

1. The disclosure is objected to because of the following informalities: the claimed priority in the specification should refer to the patent number of the parent application, US 6,684,769.

Appropriate correction is required.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 1-7 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Regarding claim 1, the passage “adapted to be received be clamped” in line 3 makes the scope of the claim unclear. To expedite prosecution, the examiner will interpret the passage to mean any bracket that can be associated with a printing station.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Art Unit: 2854

5. Claims 1, 2, 4, and 5 are rejected under 35 U.S.C. 102(b) as being anticipated by Powell, US 3,958,292.

Regarding claim 1, Powell teaches a cleaning attachment for a printing apparatus, comprising: a cylindrical roller (15, Fig. 1); mounting bracket (13, 14, Fig. 1) attached to said roller and adapted to be received be clamped to a printing station on a printing apparatus in place of a squeegee.

Regarding claim 2, Powell also teaches wherein said roller has a tacky surface ("adhesive covering", col. 3, lines 22-23).

Regarding claim 4, Powell also teaches a U-shaped bracket (13, Fig. 1) having a center beam and legs extending from opposite ends therefrom, said roller being suspended between legs of the bracket.

Regarding claim 5, Powell also teaches wherein said center beam includes a portion for engaging a clamp (Fig. 1).

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Art Unit: 2854

7. Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over Powell in view of Hukuba, US 5,548,861.

Powell teaches all that is claimed in the rejection of claim 1 above, except wherein said roller is spring-biased within said mounting bracket to allow movement of said cylinder in a direction generally perpendicular to its axis.

Hukuba teaches a cleaning tool with a cylindrical roller (10, Fig. 1) with a tacky surface (12, Fig. 1), including a spring (48, Fig. 2) that allows the roller to move in a direction perpendicular to its axis. Hukuba teaches that such a movement is advantageous for easily refreshing the adhesive surface of the roller (col. 1, line 65 through col. 2, line5).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Powell to include a spring that allows movement of the cylinder in a direction perpendicular to its axis, because Hukuba teaches that such movement can be advantageous for helping to renew the adhesive surface of the roller.

8. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Powell in view of Andrasko, Jr., US 4,653,714.

Powell teaches all that is claimed in the rejection of claim 1 above, except wherein the legs of the bracket define a recess open at one end, and said bracket further includes a removable key to close to opposite end of said recess.

Andrasko, Jr. teaches an apparatus for securing the ends of a cylindrical bar (10, Fig. 1), including a bracket (20, 42, Fig. 1) with a recess open at one end (50, Fig. 1), with a removable key (48, Fig. 1) to close the opposite end of said recess. Andrasko, Jr. teaches that such a

Art Unit: 2854

mechanism is an easy and inexpensive way to attach a cylindrical rod to a bracket (col. 2, lines 27-31).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Powell wherein the legs of the bracket define a recess open at one end, and said bracket further includes a removable key to close to opposite end of said recess, because Andrasko, Jr. teaches that such a mechanism is an easy and inexpensive way to attach a cylindrical rod to a bracket.

9. Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Powell in view of Andrasko, Jr. as applied to claim 6 above, and further in view of Franks, Jr., US 4,752,047.

The combination of Powell and Andrasko, Jr. teaches all that is claimed as discussed in the rejection of claim 6 above, except wherein said bracket includes a spring-biased protrusion extending into said recess.

Franks, Jr. teaches an apparatus for securing a cylindrical rod (1, Fig. 1) to a bracket, including a recess (14, Fig. 1) open at one end, and a spring-biased (7, Fig. 1) protrusion extending into said recess (Fig. 2). Franks, Jr. teaches that such a mechanism is advantageous for easily and quickly removing the rod from the holder (col. 2, lines 2-5).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to further modify Powell wherein said bracket includes a spring-biased protrusion extending into said recess, because Franks, Jr. teaches that such a mechanism is advantageous for easily and quickly removing the rod from the holder.

Art Unit: 2854


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Leo T. Hinze whose telephone number is (571) 272-2167. The examiner can normally be reached on M-F 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Hirshfeld can be reached on (571) 272-2168. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Leo T. Hinze
Patent Examiner
AU 2854
6 August, 2004


ANDREW H. HIRSHFELD
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800